

**Alaska Energy Cost Reduction Program
Progress Report**

Grantee: Alaska Power Company (a/k/a Alaska Power and Telephone Company)

Project Name: APC South Fork Hydro Project

Grant # 2195156

Period of Report May to May 31, 2004

Project activities completed:

Update construction schedule (will be ongoing process)

Mobilize Construction equipment including AP&T excavator and self diked fuel storage tank, purchase of pickup truck, tracked dump truck, excavator and rubber tired backhoe, and local rental of a large excavator, bulldozer, and wheeled dump truck. Also hired four local equipment operators.

- Hired local resident for Environmental Compliance Monitor position.

Completed road extension to diversion dam site. Road to sedimentation collection pond 40% complete, road to lower penstock right of way 10% complete.

Completed staging area at diversion for penstock and bedding materials, bedding material haul to upper diversion area 5% complete.

- Stage class 150 penstock at diversion and class 200 at BBL powerhouse
- Installed erosion control measures as needed.

Project existing or potential problems:

Establish final powerhouse location. Earlier designs have the powerhouse and penstock located such that it could be difficult to maintain sediment control in the event of a high rainfall event during construction. Moving farther from the creek could mitigate this situation but would require additional tailrace.

Two local contractors have withdrawn their earlier proposals for the concrete work. Availability and qualifications of other local contractors are being investigated along with out of area contractors. The work may have to be performed in-house if a suitable subcontractor cannot be located.

Activities targeted for Next Reporting Period, June 2004:

- Complete sedimentation collection pond road and pond outfall. Complete road to lower penstock right of way.
- Install bridge across creek and begin W dam wall excavation (June 15 to Aug 31 window for in stream work on diversion dam).
- Excavate and install two 48-inch bypass pipes around the dam area to facilitate dam construction.
- Begin pioneering excavator road down the penstock right of way and expose rock for blasting.
- Survey as needed to establish locations for dam and penstock construction.